



OIPE

RAW SEQUENCE LISTING

DATE: 02/03/2003

PATENT APPLICATION: US/09/920,262A

TIME: 18:35:38

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02032003\I920262A.raw

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4 <110> APPLICANT: Shealy, David
5      Knight, David
6      Scallion, Bernie
7      Giles-Komar, Jill
8      Peritt, David
10 <120> TITLE OF INVENTION: ANTI-IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND USES
12 <130> FILE REFERENCE: CEN0248
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/920,262A
C--> 15 <141> CURRENT FILING DATE: 2002-05-06
17 <150> PRIOR APPLICATION NUMBER: 60/223,358
18 <151> PRIOR FILING DATE: 2000-08-07
20 <150> PRIOR APPLICATION NUMBER: 60/236,827
21 <151> PRIOR FILING DATE: 2000-09-29
23 <160> NUMBER OF SEQ ID NOS: 15
25 <170> SOFTWARE: PatentIn Ver 3.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 5
29 <212> TYPE: PRT
30 <213> ORGANISM: Homo sapiens
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33 Thr Tyr Trp Leu Gly
34 1      5
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 17
39 <212> TYPE: PRT
40 <213> ORGANISM: Homo sapiens
W--> 41 <400> SEQUENCE: 2
43 Ile Met Ser Pro Val Asp Ser Asp Ile Arg Tyr Ser Pro Ser Phe Gln
44 1      5      10      15
46 Gly
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 10
51 <212> TYPE: PRT
52 <213> ORGANISM: Homo sapiens
W--> 53 <400> SEQUENCE: 3
55 Pro Arg Pro Gly Gln Gly Tyr Phe Asp Phe
56 1      5      10
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 11
60 <212> TYPE: PRT
61 <213> ORGANISM: Homo sapiens
W--> 62 <400> SEQUENCE: 4
64 Arg Ala Ser Gln Gly Ile Ser Ser Trp Leu Ala

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65 1          5          10
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 7
69 <212> TYPE: PRT
70 <213> ORGANISM: Homo sapiens
W--> 71 <400> SEQUENCE: 5
73 Ala Ala Ser Ser Leu Gln Ser
74 1          5
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 9
78 <212> TYPE: PRT
79 <213> ORGANISM: Homo sapiens
W--> 80 <400> SEQUENCE: 6
82 Gln Gln Tyr Asn Ile Tyr Pro Tyr Thr
83 1          5
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 119
87 <212> TYPE: PRT
88 <213> ORGANISM: Homo sapiens
W--> 89 <400> SEQUENCE: 7
91 Glu Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly Glu
92 1          5          10          15
94 Ser Leu Lys Ile Ser Cys Lys Gly Ser Gly Tyr Ser Phe Thr Thr Tyr
95          20          25          30
97 Trp Leu Gly Trp Val Arg Gln Met Pro Gly Lys Gly Leu Asp Trp Ile
98          35          40          45
100 Gly Ile Met Ser Pro Val Asp Ser Asp Ile Arg Tyr Ser Pro Ser Phe
101          50          55          60
103 Gln Gly Gln Val Thr Met Ser Val Asp Lys Ser Ile Thr Thr Ala Tyr
104 65          70          75          80
106 Leu Gln Trp Asn Ser Leu Lys Ala Ser Asp Thr Ala Met Tyr Tyr Cys
107          85          90          95
109 Ala Arg Arg Arg Pro Gly Gln Gly Tyr Phe Asp Phe Trp Gly Gln Gly
110          100          105          110
112 Thr Leu Val Thr Val Ser Ser
113          115
115 <210> SEQ ID NO: 8
116 <211> LENGTH: 108
117 <212> TYPE: PRT
118 <213> ORGANISM: Homo sapiens
W--> 119 <400> SEQUENCE: 8
121 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
122 1          5          10          15
124 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Ser Ser Trp
125          20          25          30
127 Leu Ala Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile
128          35          40          45
130 Tyr Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly
131          50          55          60

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133 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
 134 65 70 75 80
 136 Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ile Tyr Pro Tyr
 137 85 90 95
 139 Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
 140 100 105

142 <210> SEQ ID NO: 9

143 <211> LENGTH: 503

144 <212> TYPE: PRT

145 <213> ORGANISM: Homo sapiens

W--> 146 <400> SEQUENCE: 9

148 Arg Asn Leu Pro Val Ala Thr Pro Asp Pro Gly Met Phe Pro Cys Leu
 149 1 5 10 15
 151 His His Ser Gln Asn Leu Leu Arg Ala Val Ser Asn Met Leu Gln Lys
 152 20 25 30
 154 Ala Arg Gln Thr Leu Glu Phe Tyr Pro Cys Thr Ser Glu Glu Ile Asp
 155 35 40 45
 157 His Glu Asp Ile Thr Lys Asp Lys Thr Ser Thr Val Glu Ala Cys Leu
 158 50 55 60
 160 Pro Leu Glu Leu Thr Lys Asn Glu Ser Cys Leu Asn Ser Arg Glu Thr
 161 65 70 75 80
 163 Ser Phe Ile Thr Asn Gly Ser Cys Leu Ala Ser Arg Lys Thr Ser Phe
 164 85 90 95
 166 Met Met Ala Leu Cys Leu Ser Ser Ile Tyr Glu Asp Leu Lys Met Tyr
 167 100 105 110
 169 Gln Val Glu Phe Lys Thr Met Asn Ala Lys Leu Leu Met Asp Pro Lys
 170 115 120 125
 172 Arg Gln Ile Phe Leu Asp Gln Asn Met Leu Ala Val Ile Asp Glu Leu
 173 130 135 140
 175 Met Gln Ala Leu Asn Phe Asn Ser Glu Thr Val Pro Gln Lys Ser Ser
 176 145 150 155 160
 178 Leu Glu Glu Pro Asp Phe Tyr Lys Thr Lys Ile Lys Leu Cys Ile Leu
 179 165 170 175
 181 Leu His Ala Phe Arg Ile Arg Ala Val Thr Ile Asp Arg Val Met Ser
 182 180 185 190
 184 Tyr Leu Asn Ala Ser Ile Trp Glu Leu Lys Lys Asp Val Tyr Val Val
 185 195 200 205
 187 Glu Leu Asp Trp Tyr Pro Asp Ala Pro Gly Glu Met Val Val Leu Thr
 188 210 215 220
 190 Cys Asp Thr Pro Glu Glu Asp Gly Ile Thr Trp Thr Leu Asp Gln Ser
 191 225 230 235 240
 193 Ser Glu Val Leu Gly Ser Gly Lys Thr Leu Thr Ile Gln Val Lys Glu
 194 245 250 255
 196 Phe Gly Asp Ala Gly Gln Tyr Thr Cys His Lys Gly Gly Glu Val Leu
 197 260 265 270
 199 Ser His Ser Leu Leu Leu Leu His Lys Lys Glu Asp Gly Ile Trp Ser
 200 275 280 285
 202 Thr Asp Ile Leu Lys Asp Gln Lys Glu Pro Lys Asn Lys Thr Phe Leu
 203 290 295 300

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205 Arg Cys Glu Ala Lys Asn Tyr Ser Gly Arg Phe Thr Cys Trp Trp Leu
206 305 310 315 320
208 Thr Thr Ile Ser Thr Asp Leu Thr Phe Ser Val Lys Ser Ser Arg Gly
209 325 330 335
211 Ser Ser Asp Pro Gln Gly Val Thr Cys Gly Ala Ala Thr Leu Ser Ala
212 340 345 350
214 Glu Arg Val Arg Gly Asp Asn Lys Glu Tyr Glu Tyr Ser Val Glu Cys
215 355 360 365
217 Gln Glu Asp Ser Ala Cys Pro Ala Ala Glu Glu Ser Leu Pro Ile Glu
218 370 375 380
220 Val Met Val Asp Ala Val His Lys Leu Lys Tyr Glu Asn Tyr Thr Ser
221 385 390 395 400
223 Ser Phe Phe Ile Arg Asp Ile Ile Lys Pro Asp Pro Pro Lys Asn Leu
224 405 410 415
226 Gln Leu Lys Pro Leu Lys Asn Ser Arg Gln Val Glu Val Ser Trp Glu
227 420 425 430
229 Tyr Pro Asp Thr Trp Ser Thr Pro His Ser Tyr Phe Ser Leu Thr Phe
230 435 440 445
232 Cys Val Gln Val Gln Gly Lys Ser Lys Arg Glu Lys Lys Asp Arg Val
233 450 455 460
235 Phe Thr Asp Lys Thr Ser Ala Thr Val Ile Cys Arg Lys Asn Ala Ser
236 465 470 475 480
238 Ile Ser Val Arg Ala Gln Asp Arg Tyr Tyr Ser Ser Ser Trp Ser Glu
239 485 490 495
241 Trp Ala Ser Val Pro Cys Ser
242 500

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244 <210> SEQ ID NO: 10

245 <211> LENGTH: 15

246 <212> TYPE: DNA

247 <213> ORGANISM: Homo sapiens

W--> 248 <400> SEQUENCE: 10

250 agatatacta tgcac 15

252 <210> SEQ ID NO: 11

253 <211> LENGTH: 51

254 <212> TYPE: DNA

255 <213> ORGANISM: Homo sapiens

W--> 256 <400> SEQUENCE: 11

258 gttatatcat ttgatggaag caataaatac tacgtagact ccgtgaaggg c 51

260 <210> SEQ ID NO: 12

261 <211> LENGTH: 30

262 <212> TYPE: DNA

263 <213> ORGANISM: Homo sapiens

W--> 264 <400> SEQUENCE: 12

266 gaggcccggg gatcgatatgc ttttgatata 30

268 <210> SEQ ID NO: 13

269 <211> LENGTH: 42

270 <212> TYPE: DNA

271 <213> ORGANISM: Homo sapiens

W--> 272 <400> SEQUENCE: 13

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274 ctctcctgca gggccagtc gagtggttagc agctacttag cc 42
276 <210> SEQ ID NO: 14
277 <211> LENGTH: 18
278 <212> TYPE: DNA
279 <213> ORGANISM: Homo sapiens
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282 gatgcatcca acagggcc 18
284 <210> SEQ ID NO: 15
285 <211> LENGTH: 21
286 <212> TYPE: DNA
287 <213> ORGANISM: Homo sapiens
W--> 288 <400> SEQUENCE: 15
290 cagcagcgta gcaactggcc t 21
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VERIFICATION SUMMARY

DATE: 02/03/2003

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02032003\I920262A.raw

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:31 M:283 W: Missing Blank Line separator, <400> field identifier
L:41 M:283 W: Missing Blank Line separator, <400> field identifier
L:53 M:283 W: Missing Blank Line separator, <400> field identifier
L:62 M:283 W: Missing Blank Line separator, <400> field identifier
L:71 M:283 W: Missing Blank Line separator, <400> field identifier
L:80 M:283 W: Missing Blank Line separator, <400> field identifier
L:89 M:283 W: Missing Blank Line separator, <400> field identifier
L:119 M:283 W: Missing Blank Line separator, <400> field identifier
L:146 M:283 W: Missing Blank Line separator, <400> field identifier
L:248 M:283 W: Missing Blank Line separator, <400> field identifier
L:256 M:283 W: Missing Blank Line separator, <400> field identifier
L:264 M:283 W: Missing Blank Line separator, <400> field identifier
L:272 M:283 W: Missing Blank Line separator, <400> field identifier
L:280 M:283 W: Missing Blank Line separator, <400> field identifier
L:288 M:283 W: Missing Blank Line separator, <400> field identifier